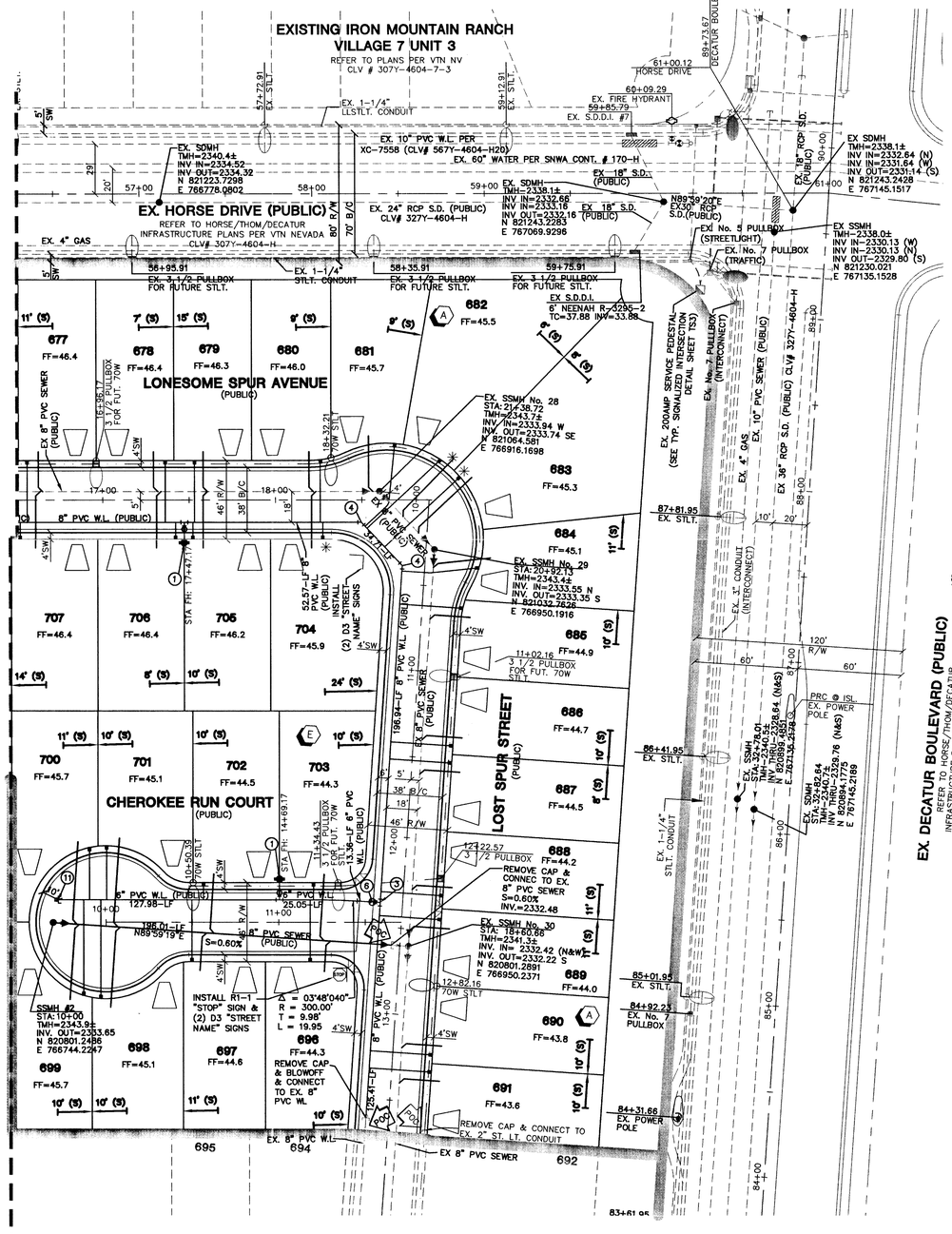


MATCHLINE - SEE SHEET UT1 FOR CONTINUATION

EXISTING IRON MOUNTAIN RANCH
VILLAGE 5 UNIT 2
CLV # 307Y-4604-5-2

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804, AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.

20974

PROJECT BENCHMARK

PROJECT DATUM: NAVD88

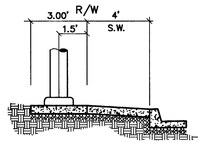
(OLD) CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)
PROJECT DESIGNED USING OLD BENCHMARK

(NEW) CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9181 METERS (2332.40 FEET)

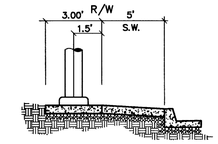
(-0.14 FEET) TO GET NEW PUBLISHED DATUM

CNLV BM 413148, NAVD 88 ELEV=710.953
METERS (2332.52 FEET) 1" DIAMETER CONCRETE MONUMENT
77 FEET SOUTH & 54 FEET WEST OF N.E. CORNER
SEC. 13T19R60E 10' EAST OF LARGE POWER POLE.

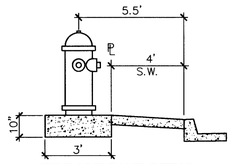
NORTH



STREET LIGHT DETAIL
N.T.S.



STREET LIGHT DETAIL
N.T.S.



FIRE HYDRANT DETAIL

SNWA CONSTRUCTION NOTES:

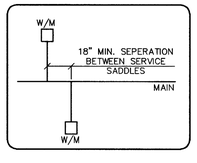
CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA/SNWS APPURTENANCES INCLUDING, BUT NO LIMITED TO AV/AR, ACCESS MANWAYS AND CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTORS EXPENSE. CATHODIC PROTECTION TEST STATIONS, RECTIFIERS, AND AV/AR'S MUST BE RELOCATED TO THE SIDEWALK PER SNWA STANDARDS AND AT THE CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY SOUTHERN NEVADA WATER AUTHORITY, DEVELOPMENT PLAN REVIEW, AT (702) 862-3444 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.

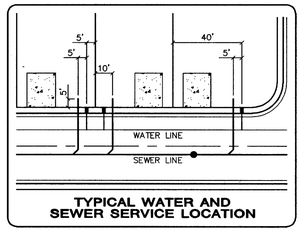
SOUTHERN NEVADA WATER AUTHORITY DATE

SNWA APPROVAL IS VALID FOR ONE YEAR FROM THE SIGNATURE DATE. IF CONSTRUCTION WITHIN THE EASEMENT OF RESTRICTED PIPE SAFETY ZONE IS NOT COMPLETE, PLANS MUST BE RESUBMITTED TO SNWA FOR APPROVAL.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

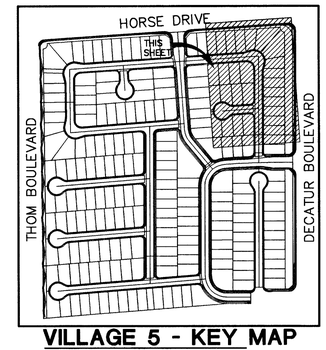




TYPICAL WATER AND SEWER SERVICE LOCATION

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-593-6111



VILLAGE 5 - KEY MAP
NOT TO SCALE

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

LEGEND

WATER

① FIRE HYDRANT ASSEMBLY (PER UDACS PLATE No. 7)
② 6" GATE VALVE
③ 8"x 8"x 8" TEE
④ 8" 45° ELBOW
⑤ 8" 22.5° ELBOW
⑥ 8" 11.25° ELBOW
⑦ 8" 90° ELBOW
⑧ CAP ONLY (PER UDACS PLATE No. 4)
⑪ CAP W/ 2" B.O. ASSEMBLY (PER UDACS PLATE No. 4)
⑫ 8" x 6" REDUCE
W/ 5/8" METER (PER UDACS PLATE 1D)
3/4" METER (PER UDACS PLATE 1D)
8" WATER MAIN

SEWER

STANDARD MANHOLE (PUBLIC)
4" SEWER LATERALS (PRIVATE)
4" SEWER WYES (PRIVATE)
BWV BACKWATER VALVES (PRIVATE)
8" SEWER MAIN (PUBLIC)

STREET LIGHT & SIGNAGE

70 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 5C POLES WITH 8.0' ARMS
150 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 2B POLES WITH 8.0' ARMS
1 1/4" ST. LT. CONDUIT
3 1/2"PULLBOX (PUBLIC)
R1-1 "STOP" SIGN & (2) D3 "STREET NAME" SIGNS
(2) D3 "STREET NAME" SIGNS
DRIVEWAY LOCATION (SCHEMATIC)
POC POINT OF CONNECTION

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1,500 GALLONS/MIN. AT 20 LBS./SQ.IN. RESIDUAL.

BASED ON:

SQUARE FOOTAGE: 2600
LARGEST AREA BETWEEN SEPERATION WALLS:
HEIGHT: 2 STORY
TYPE OF CONSTRUCTION:
EXPOSURES: 10' MIN.
SPRINKLER SYSTEM: NONE
OCCUPANCY: SINGLE FAMILY RESIDENCE
ROOF CONSTRUCTION: CONCRETE TILE

REVIEWED BY: _____

DATE: _____
PROVIDE FIRE LANE IDENTIFICATION PER CITY ORD. 3677

APPROVAL:

LAS VEGAS VALLEY WATER DISTRICT DATE

CITY OF LAS VEGAS FIRE MARSHAL DATE

NEVADA POWER COMPANY DATE

NEVADA POWER COMPANY APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION. AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION.

REV	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			
7			

CITY OF LAS VEGAS

KB HOME
730 PILOT ROAD, SUITE F
LAS VEGAS, NV 89119
(702) 614-2500

nevada CONSULTING ENGINEERS ● PLANNERS ● LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2597

SEWER ASBUILT

IRON MOUNTAIN RANCH
VILLAGE 5
UNIT 3

DRAWN BY: JSB
DESIGNED BY:
CHECKED BY:
6/16/2004
PROJECT NO: 5919-3
SCALE: 1"=40' HORIZ. N/A VERT.

SHEET
SAB2
2 OF 2 SHEETS
DRAWING NO.
307Y-4604-5-3

\5919\SAB\5919-UT-ASB-03.DWG